



KANSAS CORPORATION COMMISSION 1153136
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	GRADY, JAMES A 5-8
Doc ID	1153136

All Electric Logs Run

CDL
NDL
DIL
TEMP

Air Drilling Specialist
Oil & Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: 620-879-2073

PO Box 449
Caney, KS 67333

Date Started	3/15/2013
Date Completed	3/18/2013

Operator	A.P.I #	County	State
Post Rock Energy	15-205-28106-00-00	Wilson	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
5-8	Grady, James A	5	28	17

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	20' 5 8/8	1082	7 7/8

Formation Record

0-2	MUD	850-885	SAND / SUGAR		
2-86	SHALE	885-906	SHALE		
86-115	LIME	906-907	COAL		
115-125	SAND /HARD, DAMP	907-920	SAND		
125-165	SAND / DAMP	920-921	COAL		
155	WENT TO WATER	921-940	SAND / WATER, TIGHT		
165-240	SANDY SHALE	940-942	COAL		
240-308	LIME	942-970	SAND		
308-345	SANDY SHALE	970-986	SAND /GOOD ODOR & SHOW		
345-347	COAL	986-1000	SAND/GOOD ODOR & SHOW		
347-370	SAND	1000-1016	SAND/LT ODOR, FAINT SHOW		
370-404	LIME	1016-1018	COAL		
404-405	COAL	1018-1030	SAND /LT ODOR		
405-435	SANDY SHALE	1030-1061	SANDY SHALE		
435-622	SHALE	1061-1063	COAL		
622-624	COAL	1063-1082	SANDY SHALE		
624-647	SANDY SHALE	1082	TD		
647-648	COAL				
648-660	LIME (PAWNEE)				
660-700	SHALE				
700-717	LIME (OSWEGO)				
717-724	BLK SHALE (SUMMIT)				
724-730	LIME				
730-737	BLK SHALE (MULKY)				
737-740	LIME				
740-748	SANDY SHALE				
748-749	COAL				
749-794	SANDY SHALE				
794-796	COAL				
796-850	SANDY SHALE				



PostRock
Energy Corporation

211 W. 14TH STREET,
CHANUTE, KS 66720
620-431-9500

TICKET NUMBER **8002**
FIELD TICKET REF # _____
FOREMAN Nathan Cahman
AFE D13036
SSI _____
API 15-205-28106-00-00

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
3-19-13	Grady, James A. 5-8			5	28S	17E	Wilson
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Cahman	6:00	11:30		905575		5.5	<i>Nathan Cahman</i>
Chris Kincaid	6:30			931400	932900	5	<i>Chris Kincaid</i>
Eric Baugher	7:00			Training		4.5	<i>Eric Baugher</i>
Greg Blackman	6:30			903605	933235	5	<i>Greg Blackman</i>

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1082 CASING SIZE & WEIGHT 5 1/2, 14#
 CASING DEPTH 1074.5 DRILL PIPE _____ TUBING _____ OTHER Cow Jones rig crew
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 0
 DISPLACEMENT 26.2 DISPLACEMENT PSI 400 MIX PSI _____ RATE 4.0

REMARKS: On location at 8:00 Rig crew at location at 8:30. Spotted trucks with dozer. Ready to run casing at 8:45. Washed in first 45'. Ready to cement at 10:00. See COWS ticket for cement job details. Slight oil show. May need top off.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905575	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
903605	1	Transport Truck <u>Haul truck</u>	
933235	1	Transport Trailer <u>Lowboy Trailer</u>	
931150	1	80 Yr <u>Dozer</u>	
931400	1	Casing Truck	
932900	1	Casing Trailer	
	<u>1074.5'</u>	Casing	
	<u>5</u>	Centralizers	
	<u>1</u>	Float Shoe	
	<u>1</u>	Wiper Plug	
	<u>—</u>	Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	<u>6 sks</u>	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	<u>1 sk</u>	Cotton Seed Hulls	



CONSOLIDATED
Oil Well Services, LLC

ATE # D13036

TICKET NUMBER 41403

LOCATION Europe ks

FOREMAN Shannon Frick

FIELD TICKET & TREATMENT REPORT

CEMENT

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			
3-19-13		Grady, James 5-8				Wilson			
CUSTOMER Post Rock Energy Corp			605						
MAILING ADDRESS 4402 Johnson Rd			Jones						
CITY Chanute		STATE KS	ZIP CODE						
		TRUCK #		DRIVER		TRUCK #		DRIVER	
		445		Dave G					
		467		Chris B					
		4521 T103		Jim m					
		73		Alan G		McWay Trucking			

JOB TYPE L/S HOLE SIZE 7 1/2" HOLE DEPTH 1082' CASING SIZE & WEIGHT 5 1/2" @ 14"
 CASING DEPTH 1074.50' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9 #/gal SLURRY VOL 52 Bbl WATER gal/sk 6.02 CEMENT LEFT in CASING 0
 DISPLACEMENT 26.5 DISPLACEMENT PSI 400 MIX PSI 900 Pump Plug RATE displace @ 4 BPM

REMARKS: Safety meeting, Rig up to 5 1/2" casing, wash down 30' w/ 80 Bbl H2O, mixed 600 # gel flush w/ hulls, 10 Bbl water spacer, 17 Bbl dye H2O, mixed 190 sks 50/50 port mix cement with 2% gel, 2% calcium, 3 # cat-seal/sk, 5 # kd-seal/sk, 1 # Phenoseal/sk & 1/4% CFL-115 @ 13.9 #/gal, shut down wash out pump & lines displace w/ 26.5 Bbl H2O. Final pumping pressure of 400 psi, bumped plug @ 900 psi. Plug & float held, good circulation @ all times, 6 Bbl slurry to pit. Job complete.

Thanks Shannon & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	50	MILEAGE #1 of 3 wells	4.00	200.00
1124	190 sk 190	50/50 port mix cement	10.95	2080.50
1118 B	365 #	gel @ 2%	.21	76.65
1102	365 #	Calcium @ 2%	.74	270.10
1101	570 #	Cat-seal @ 3 #/sk	.40	228.00
1110 A	950 #	Kat-seal @ 5 #/sk	.46	437.00
1107 A	190 #	Phenoseal @ 1 #/sk	1.29	191.29
1135 A	50 #	CFL-115 @ 1/4%	10.55	527.50
5407 A	9.12 Tons	Ton mileage bulk Truck	1.34	611.04
5502 C	4 Hrs	80 Bbl vac Truck #93 McWay Trucking	90.00	360.00
1173	8400 gals	city water	16.50/1000	138.00
5501 C	4 Hrs	Water Transport	112.00	448.00
			Sub Total	6598.68
			6.3% SALES TAX	248.82
			ESTIMATED TOTAL	6847.50

Ravin 3737

AUTHORIZATION Nash TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

Grady, James A. 5-8

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	43.45	43.2		Date: 3/18/13
2	43.33	86.28		Well Name & #: James Grady 5-8
3	43.34	129.37		Township & Range: 28S - 17E
4	43.38	172.5		County/State: Wilson/KS
5	43.33	215.58		AFE#: D13036
6	43.38	258.71		API# 15-205-28106-00-00
7	43.36	301.82		Comments:
8	42.38	343.95		Projected TD- 1185'
9	42.42	386.12		
10	42.36	428.23		Joints are numbered in Yellow
11	42.42	470.4		
12	42.45	512.6		Subs are in orange
13	42.42	557.77		
14	42.29	596.81		
15	42.44	639		
16	42.38	681.13		
17	42.33	723.21		Added these subs for
18	42.4	765.36		flexibility to adjust to actual TD
19	42.33	807.44		
20	42.45	849.64		Trailer# 932900
21	42.46	891.85		
22	42.31	933.91		Actual TD - 1082
23	42.43	976.09		Log Bottom - 1881.30
24	42.34	1018.18		Casing Tally - 1074.5
25	42.39	1060.32		No Baffles
26	42.39	1102.46		Centralizers per SOP
27	42.33	1144.54		
28	14.93	1074.5		
29	14.75	1089		
30	9.91	1098.66		
31	4.47	1102.88		
32	4.94	1107.57		
33				
34				
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PostRock Energy Corp.